

## **STRUCTURALLY SEALED HEAT SINK**

### **ABSTRACT OF THE DISCLOSURE**

A structurally sealed heat sink is composed of a main body, at least one sealing  
5 member, and at least one solder unit. The main body includes a chamber inside, a  
capillary layer adhered to a peripheral surface of said chamber, and at least one opening  
having a predetermined depth to define a peripheral wall of a predetermined height. The  
sealing member that is identical to the opening in number includes an intersection  
intersected with the opening for the predetermined depth, a solder ditch formed between  
10 the sealing member and the main body, and an annular groove formed between the  
peripheral wall and an outer periphery of the sealing member. The solder unit that is  
identical to the opening in number is disposed inside the solder ditch.